

FIG. 1

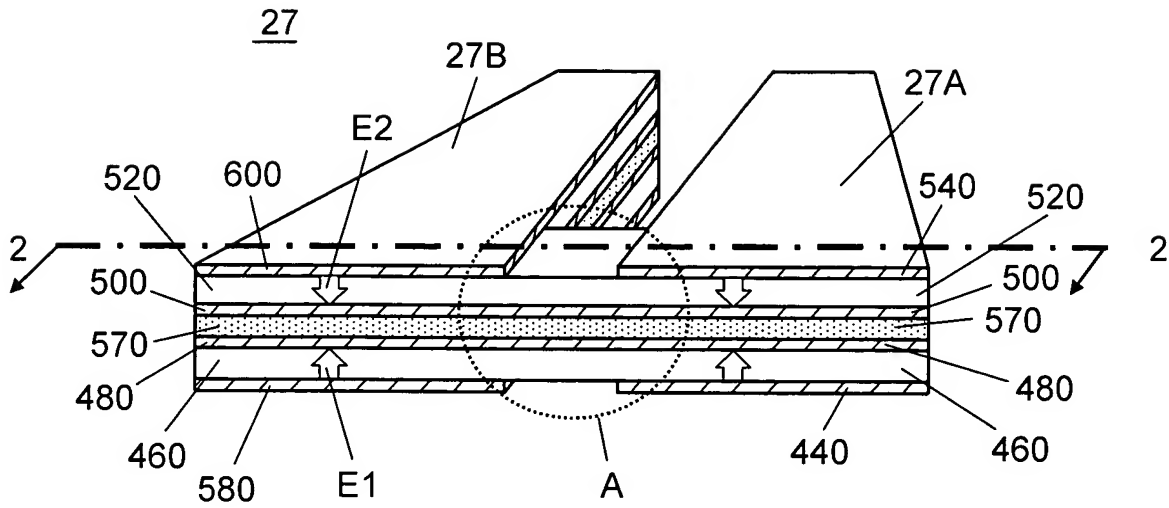


FIG. 2

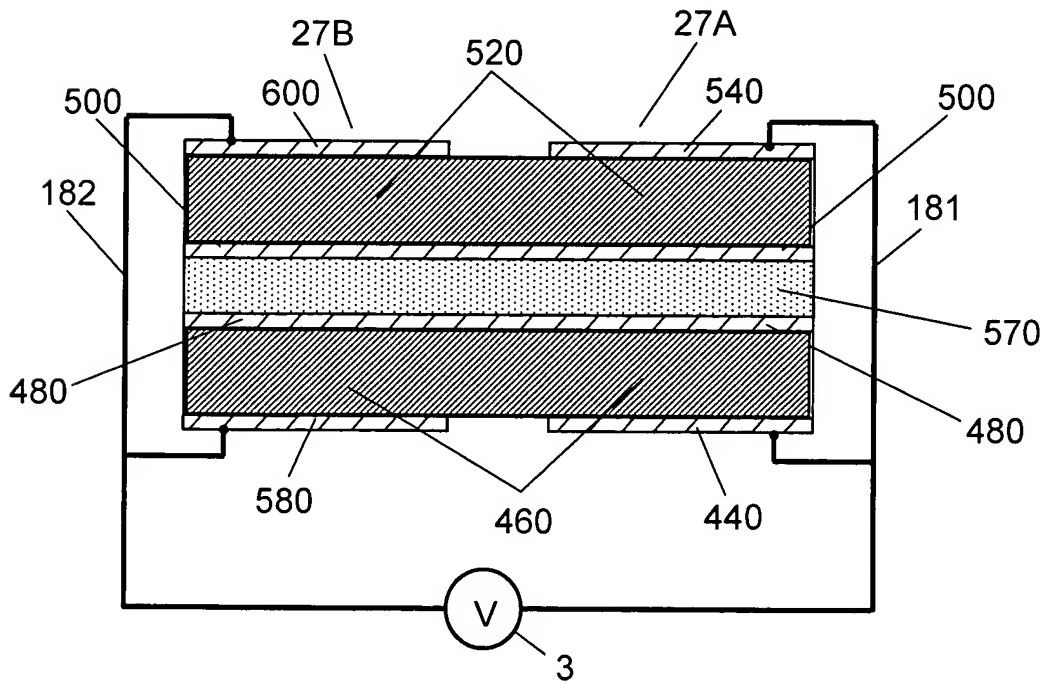


FIG. 3

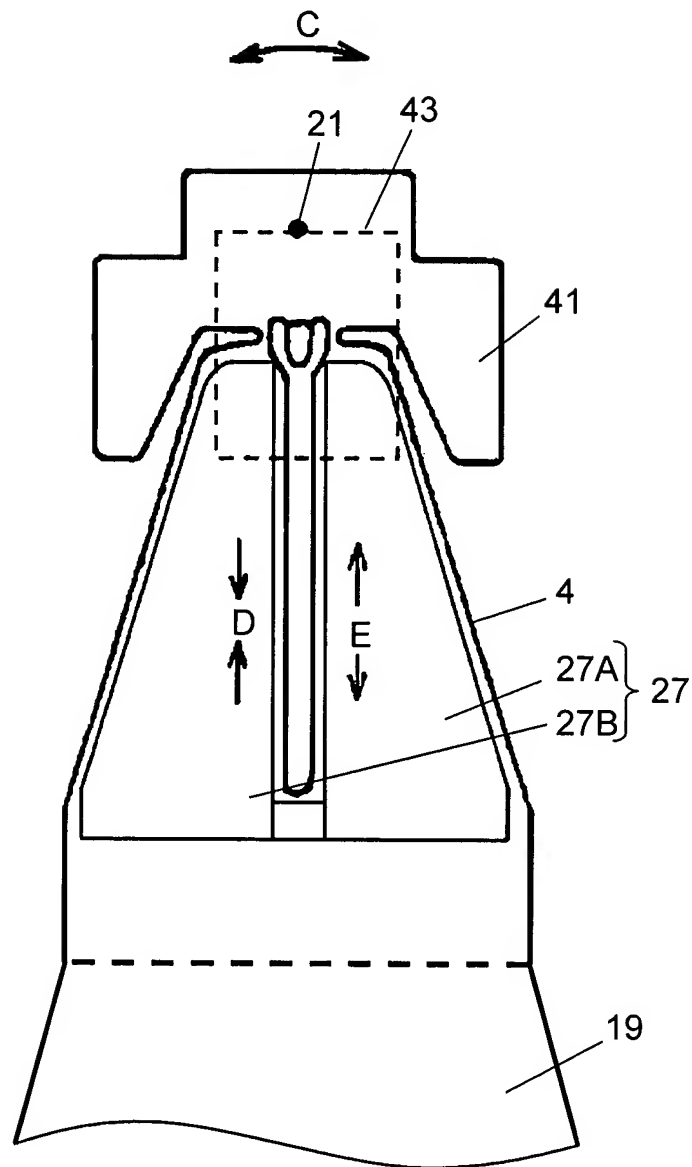


FIG. 4

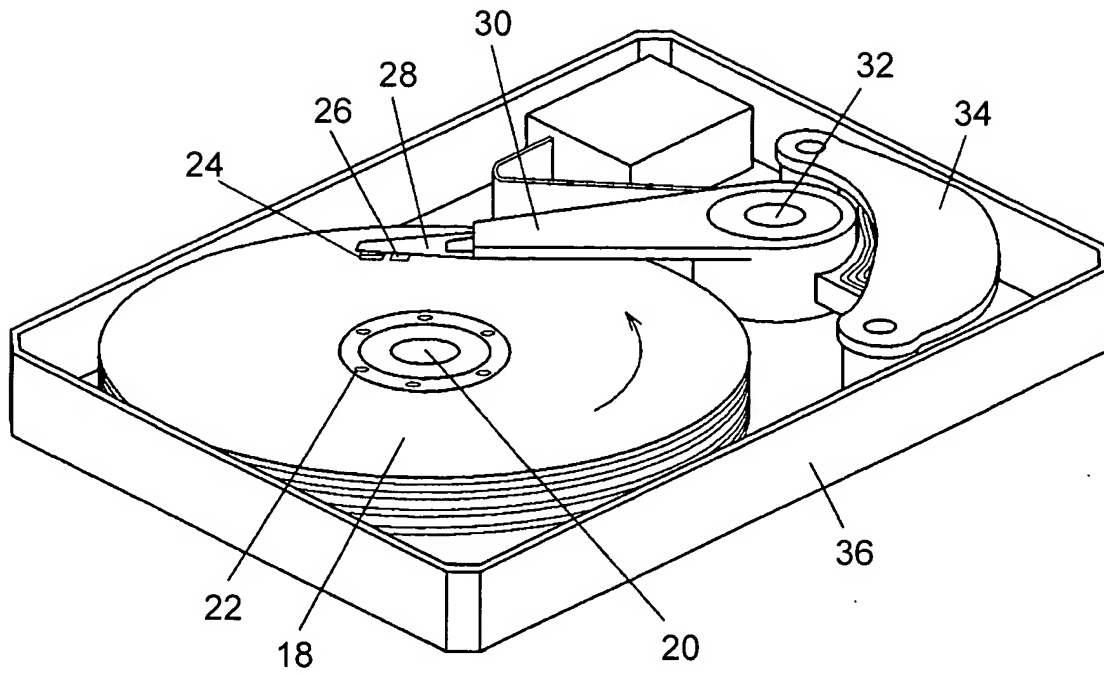


FIG. 5A

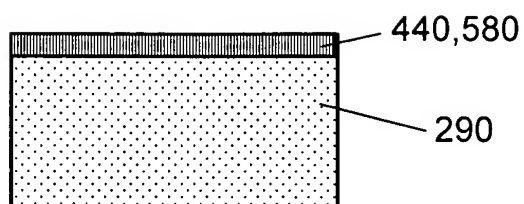


FIG. 5B

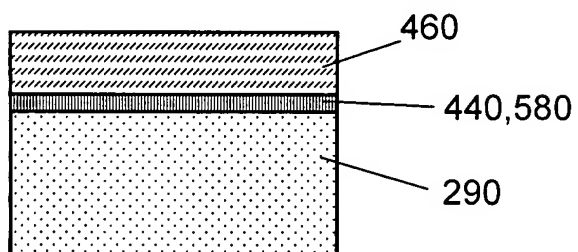


FIG. 5C

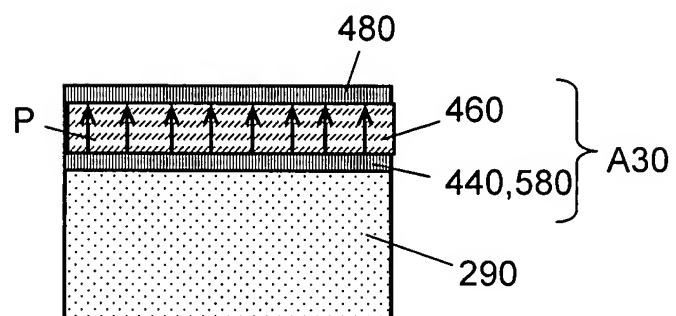


FIG. 6A

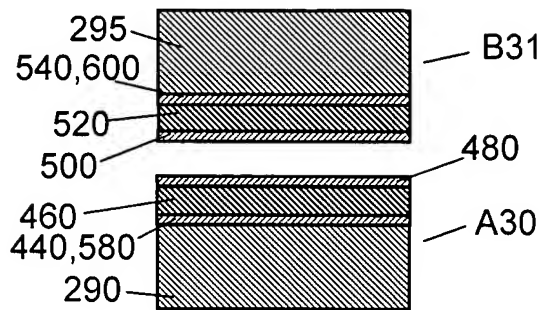


FIG. 6F

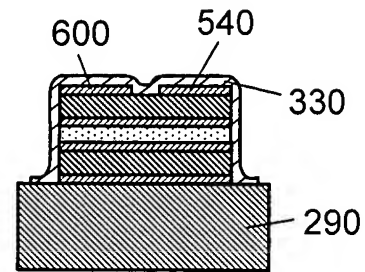


FIG. 6B

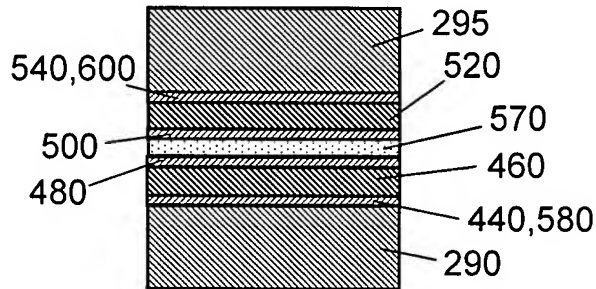


FIG. 6G

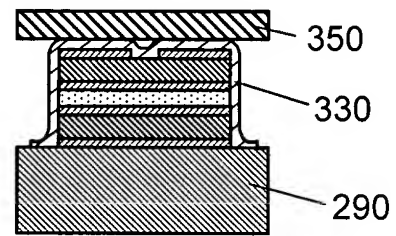


FIG. 6C

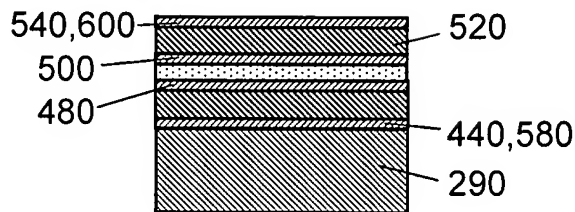


FIG. 6H

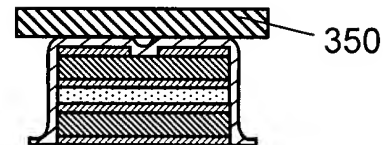


FIG. 6D

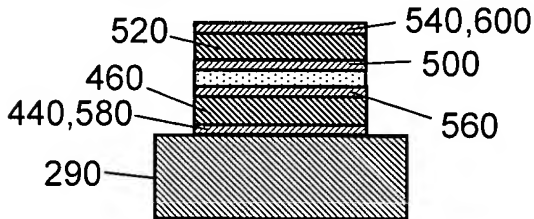


FIG. 6I

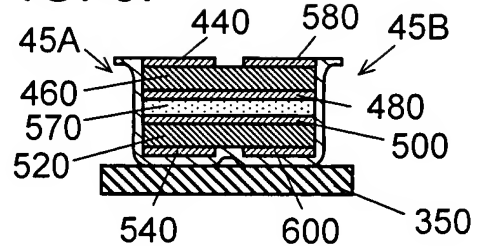


FIG. 6E

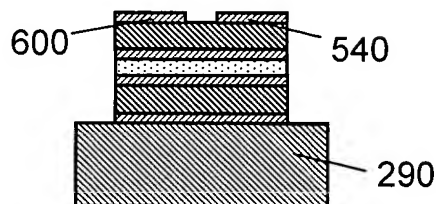


FIG. 6J

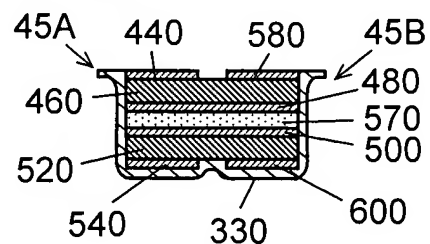


FIG. 7A

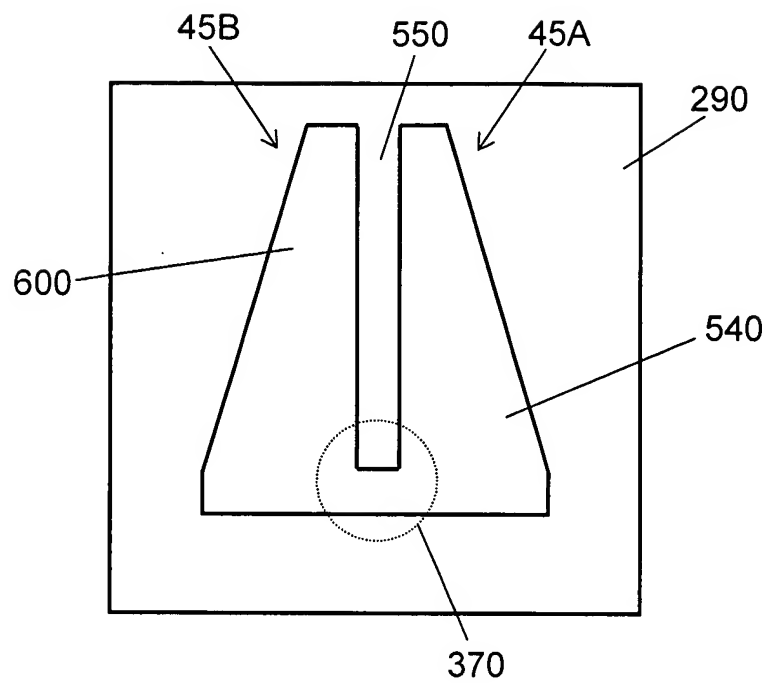


FIG. 7B

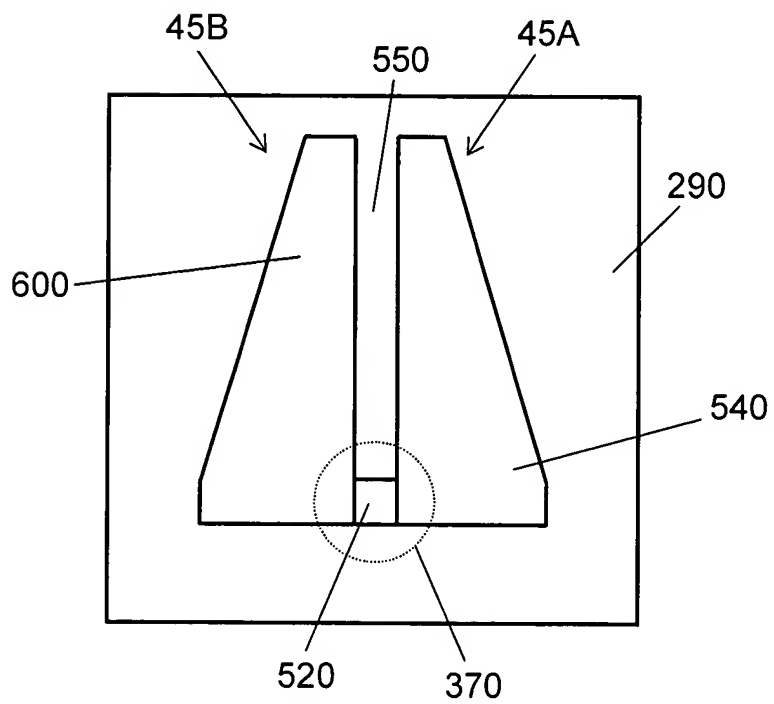


FIG. 8

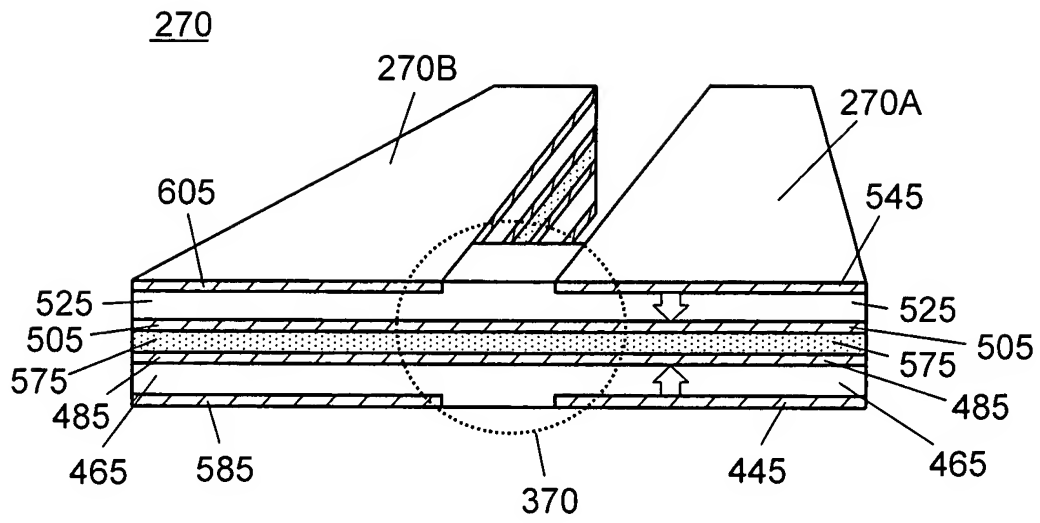


FIG. 9

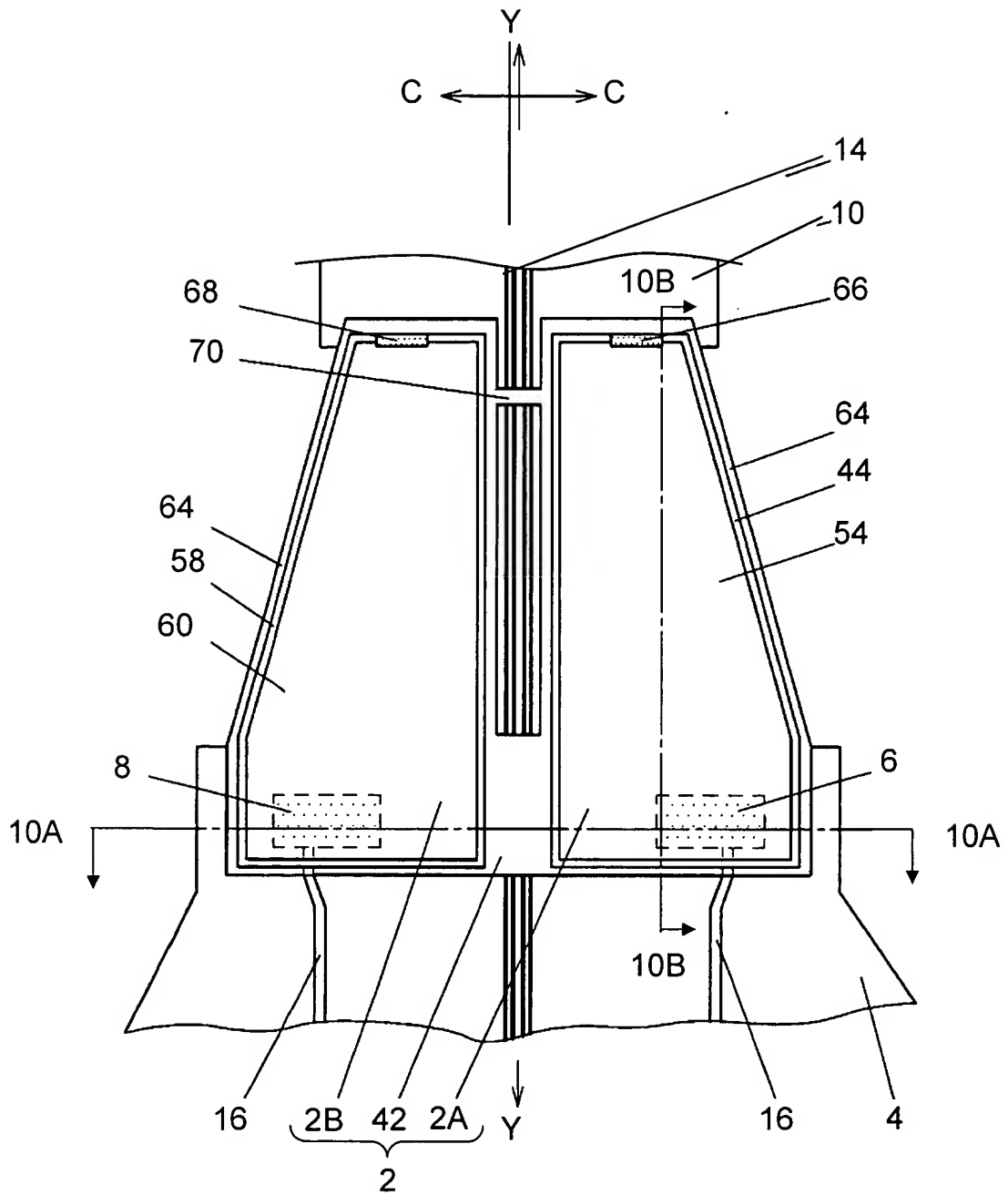




FIG. 10A

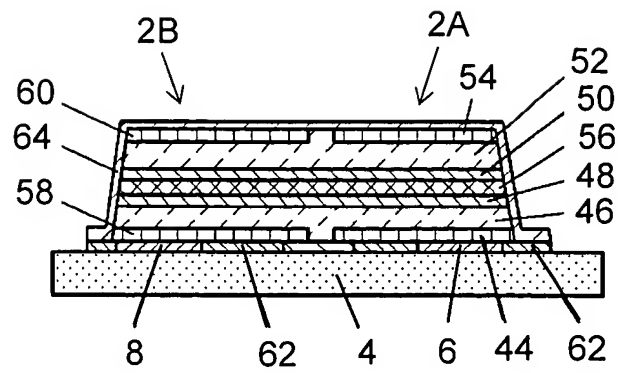


FIG. 10B

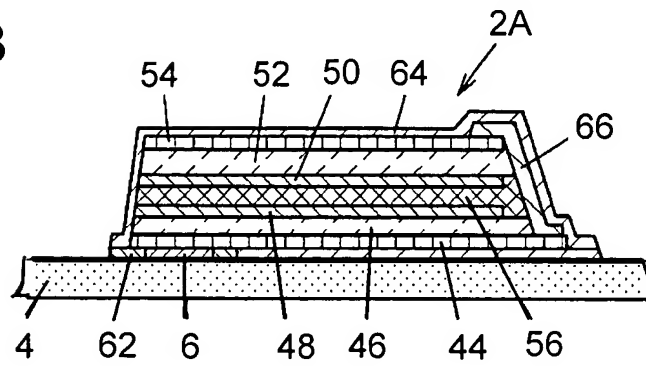


FIG. 11A

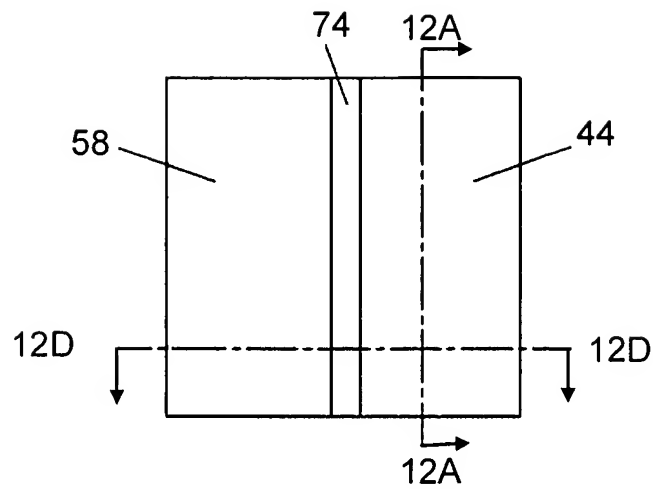


FIG. 11B

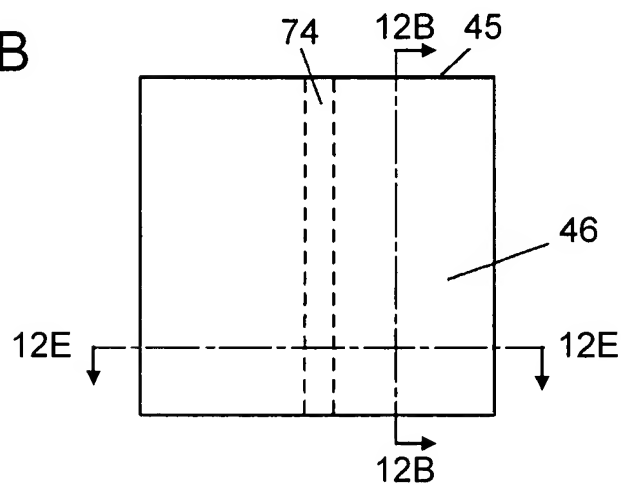


FIG. 11C

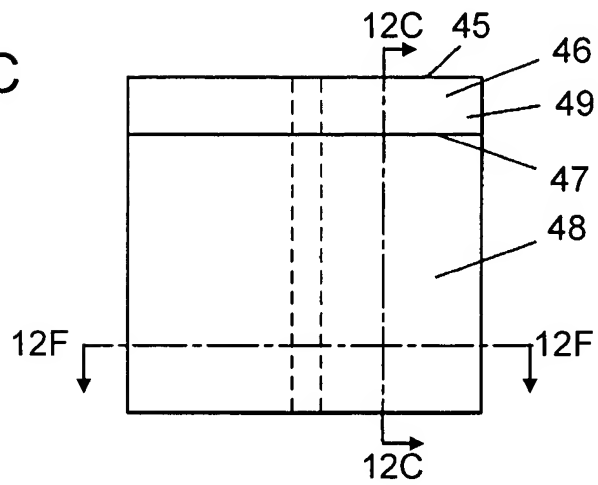


FIG. 12A

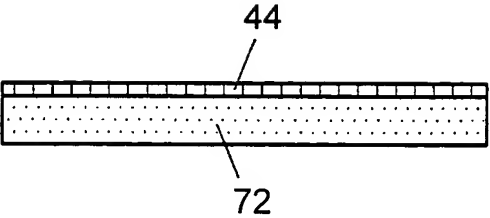


FIG. 12D

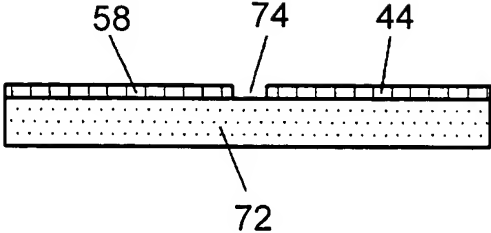


FIG. 12B

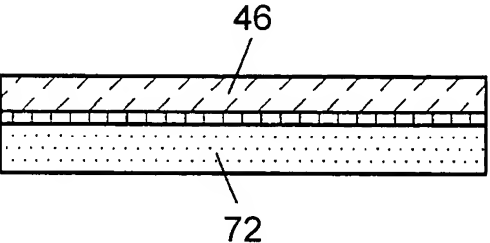


FIG. 12E

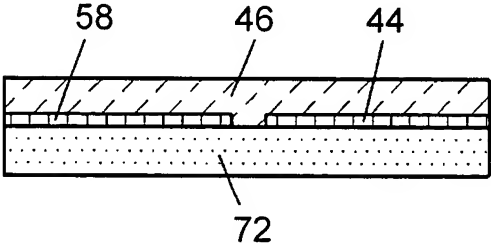


FIG. 12C

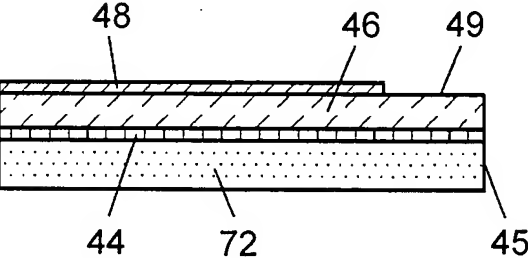


FIG. 12F

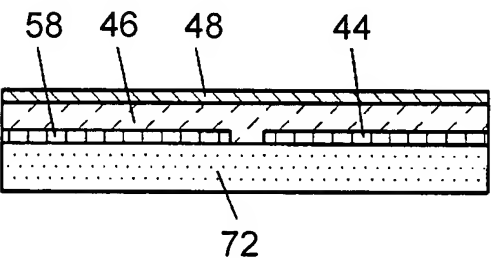


FIG. 13A

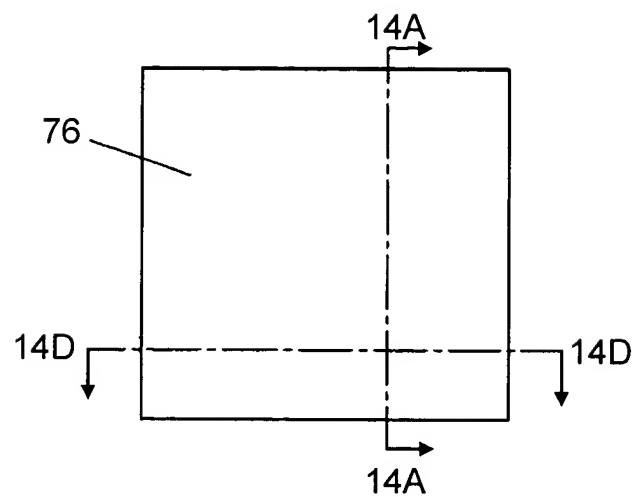


FIG. 13B

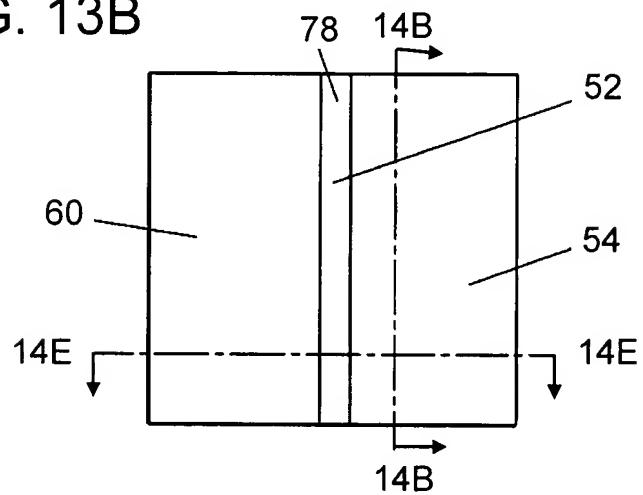


FIG. 13C

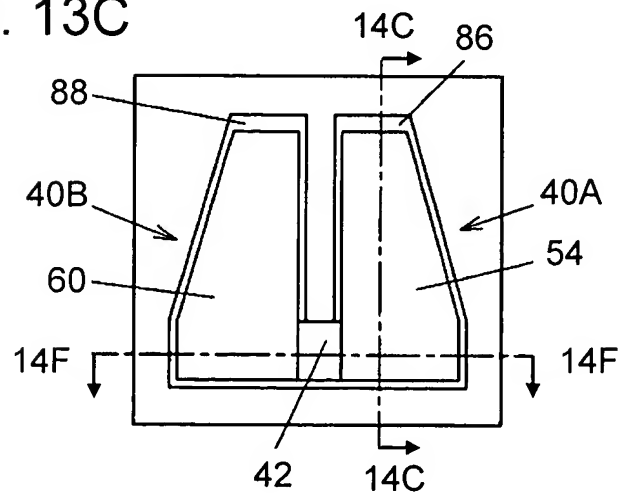


FIG. 14A

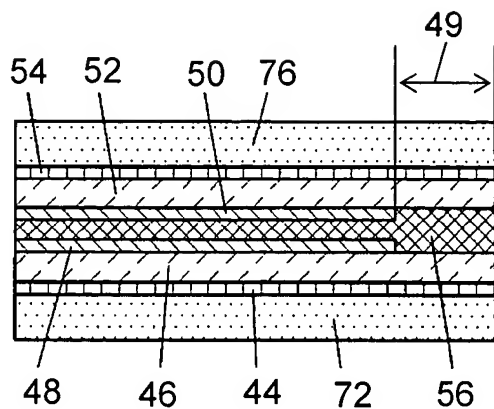


FIG. 14D

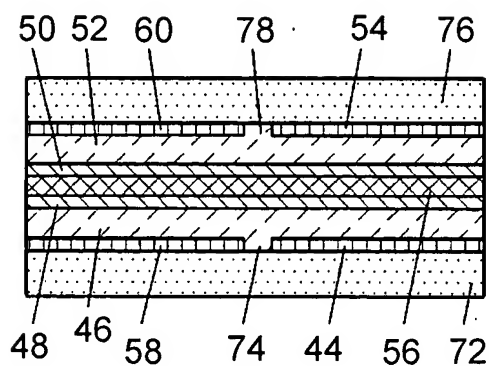


FIG. 14B

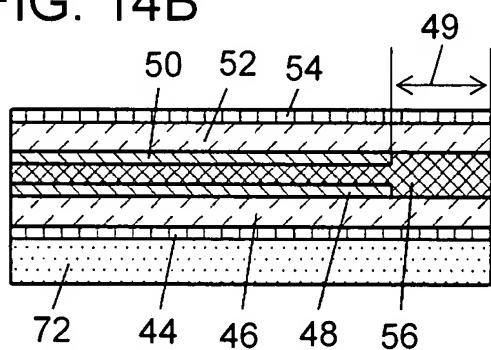


FIG. 14E

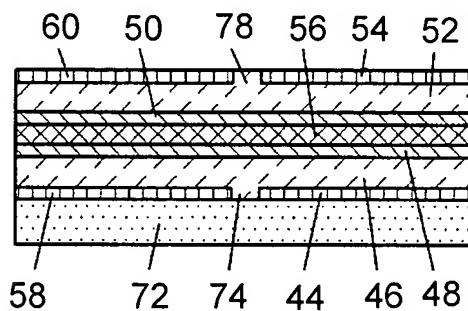


FIG. 14C

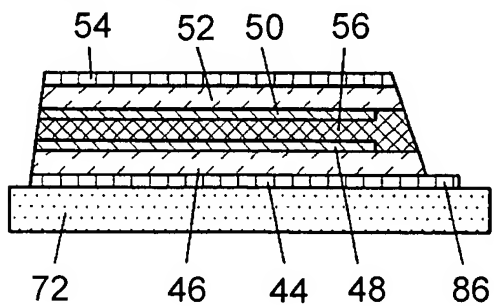


FIG. 14F

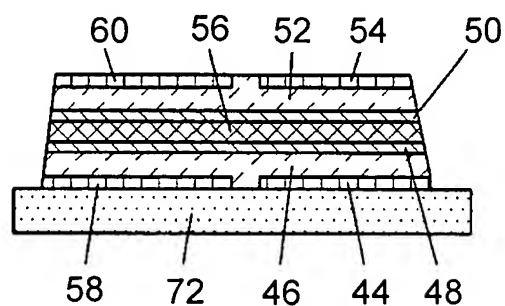


FIG. 15A is a cross-sectional view of a second embodiment of the device. It features a central vertical channel (60) flanked by two trapezoidal structures (40A, 40B). The top of each trapezoid has a textured surface (88) and is connected to a horizontal layer (86). The entire assembly is within a rectangular frame (72). Arrows 16A and 16D indicate flow directions. Other labels include 68, 66, and 54.

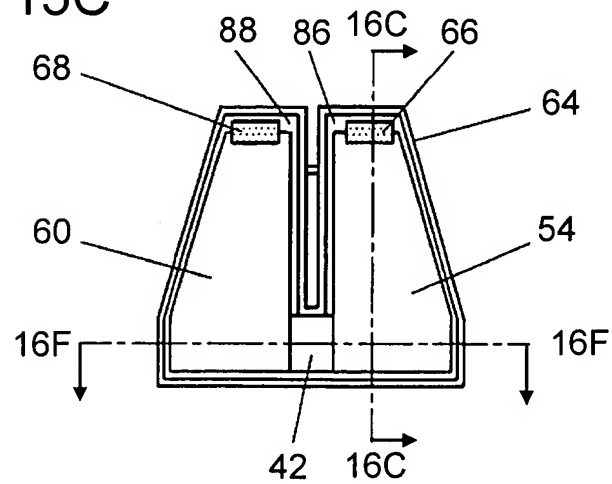
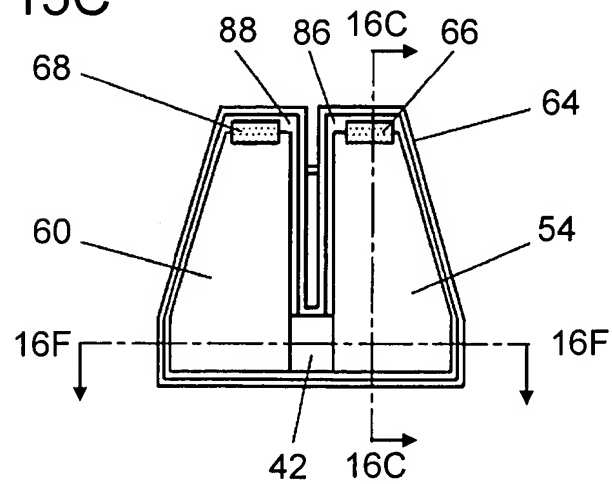
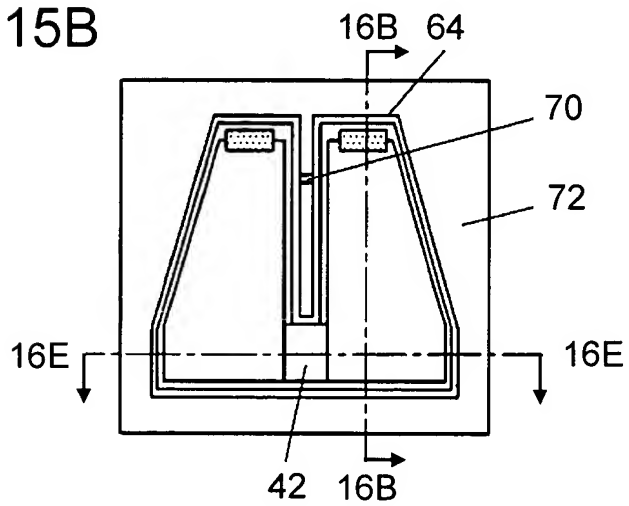


FIG. 16A

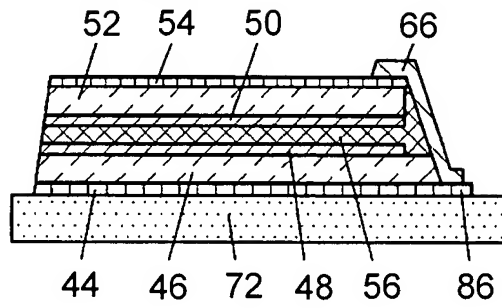


FIG. 16D

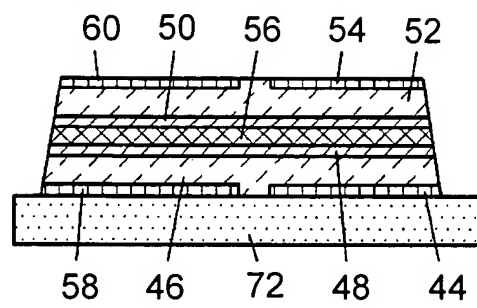


FIG. 16B

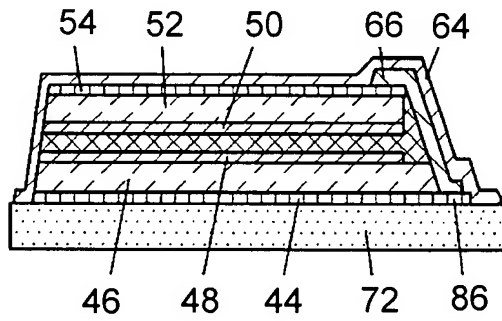


FIG. 16E

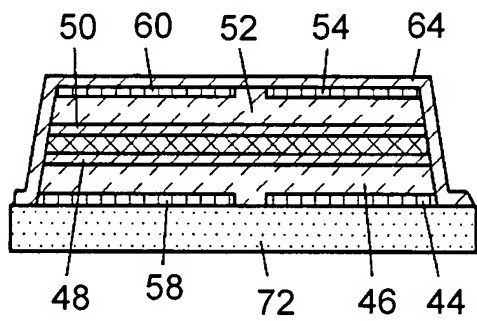


FIG. 16C

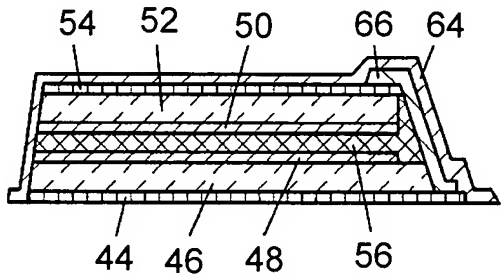


FIG. 16F

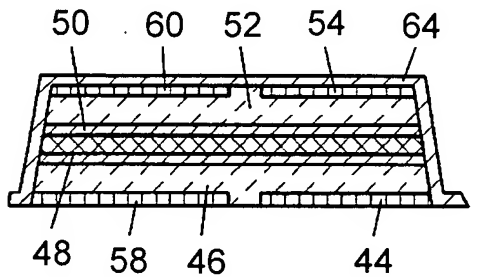


FIG. 17A

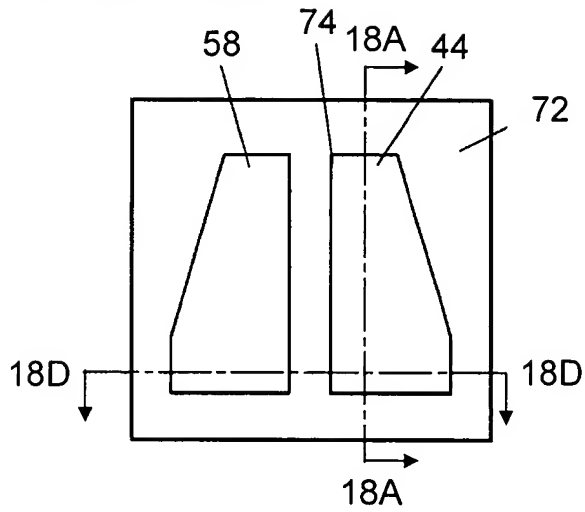


FIG. 17D

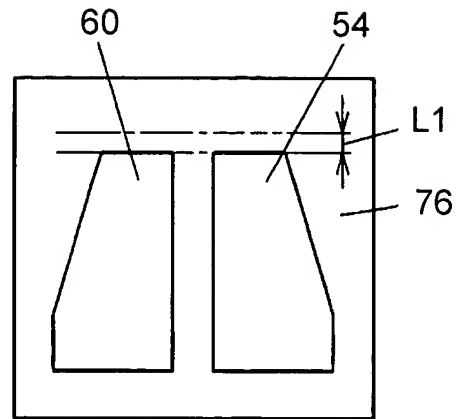


FIG. 17B

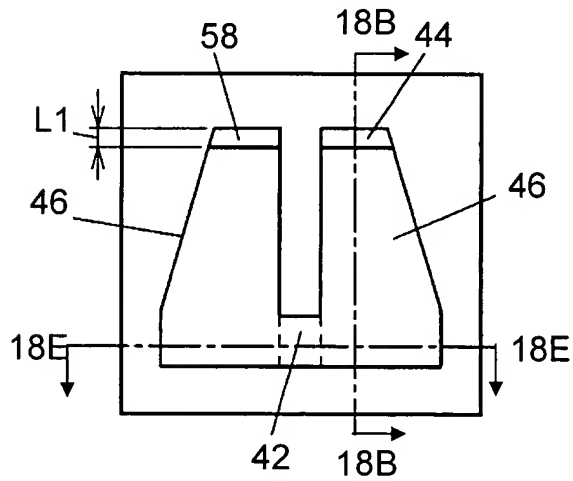


FIG. 17E

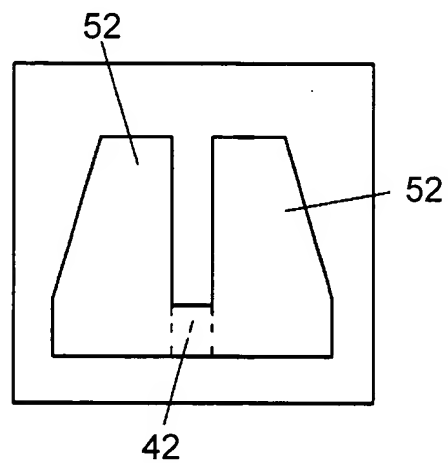


FIG. 17C

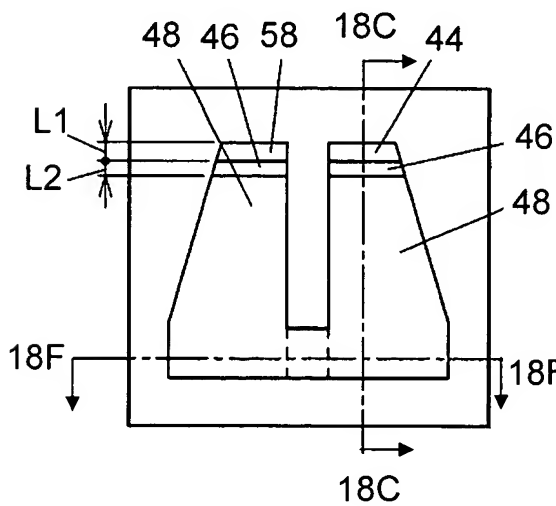


FIG. 17F

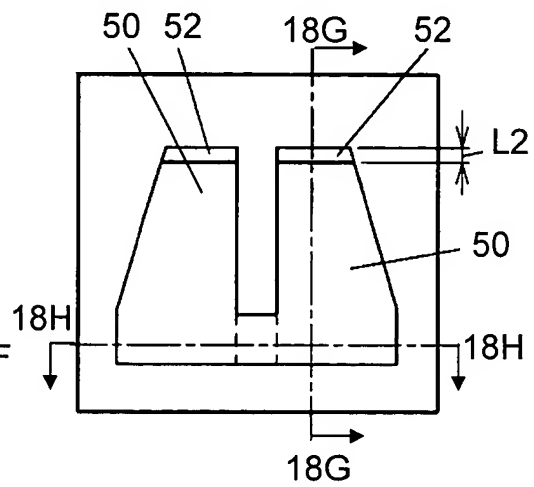




FIG. 18A

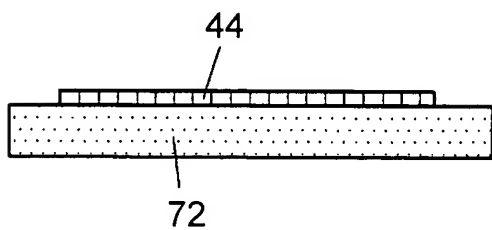


FIG. 18E

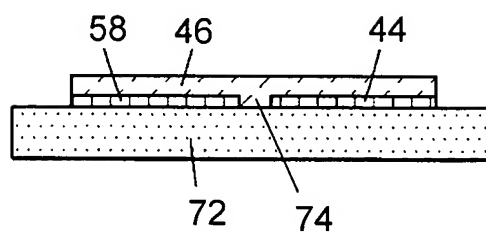


FIG. 18B

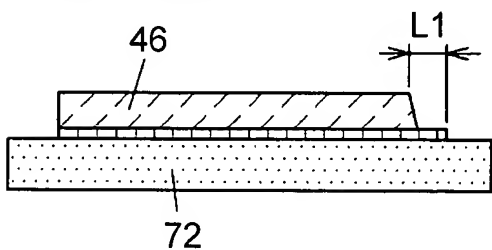


FIG. 18F

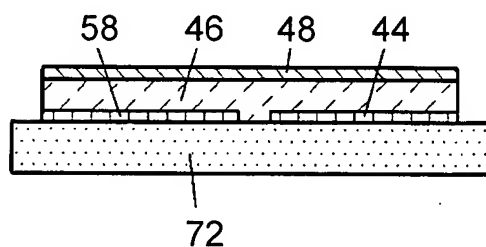


FIG. 18C

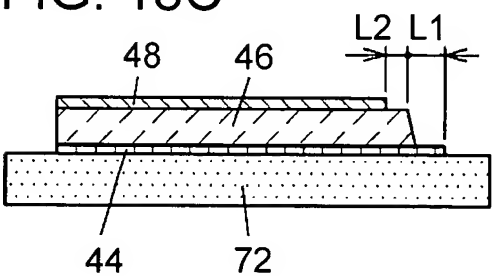


FIG. 18G

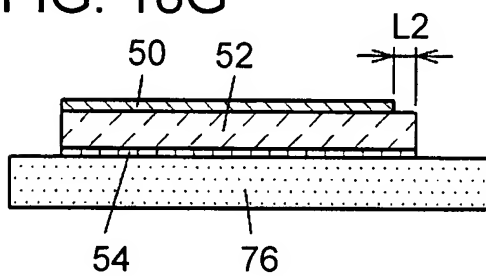


FIG. 18D

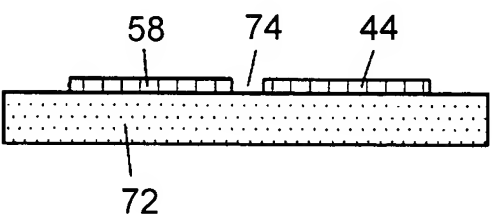


FIG. 18H

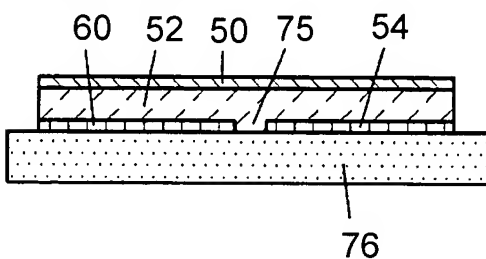


FIG. 19A

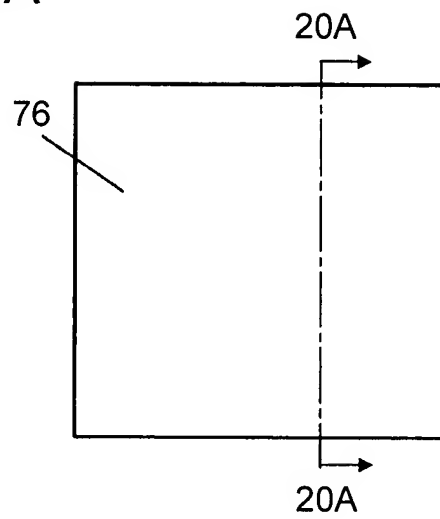


FIG. 19B

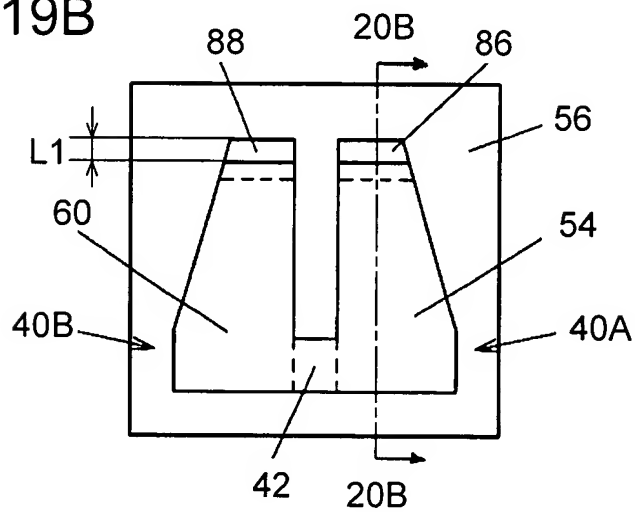


FIG. 19C

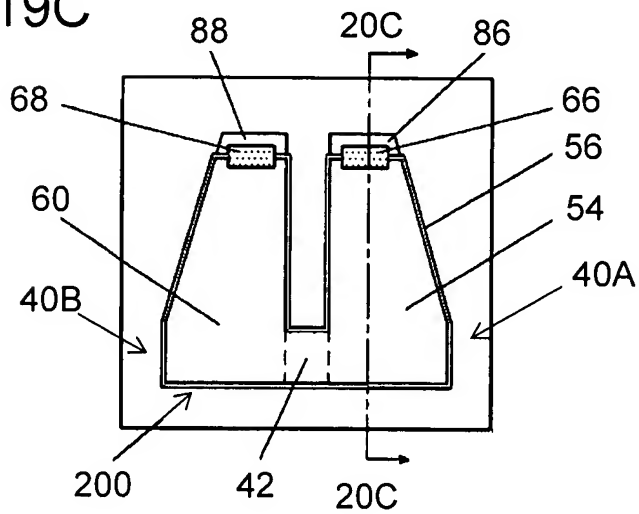


FIG. 20A

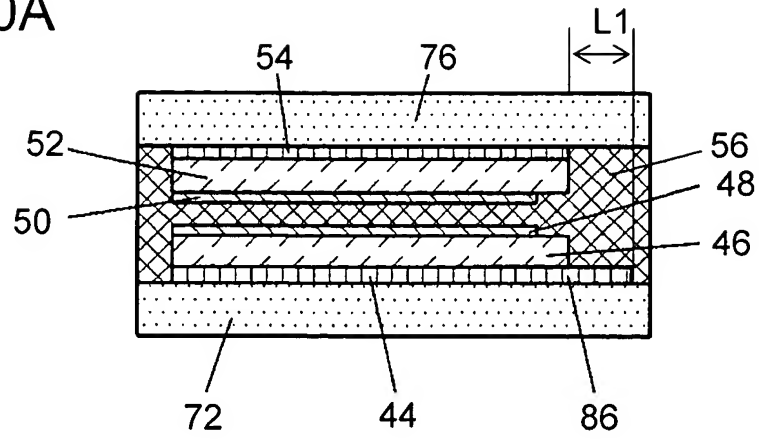


FIG. 20B

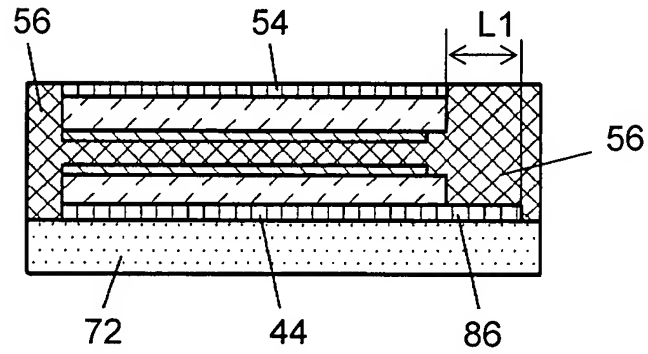


FIG. 20C

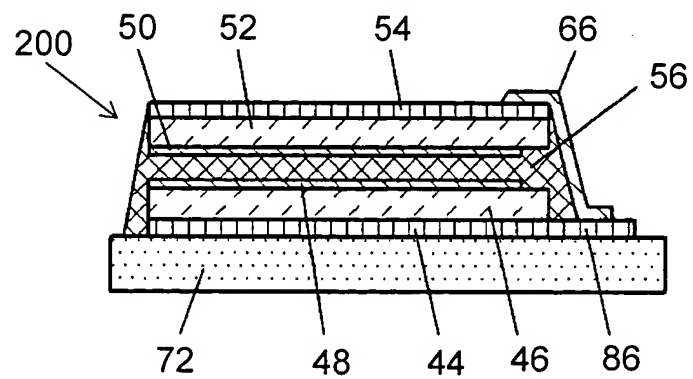


FIG. 21A

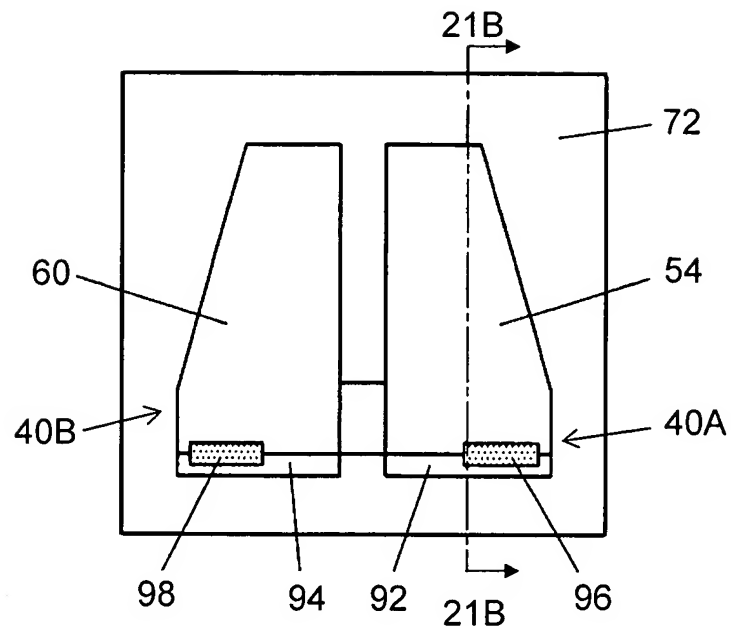


FIG. 21B

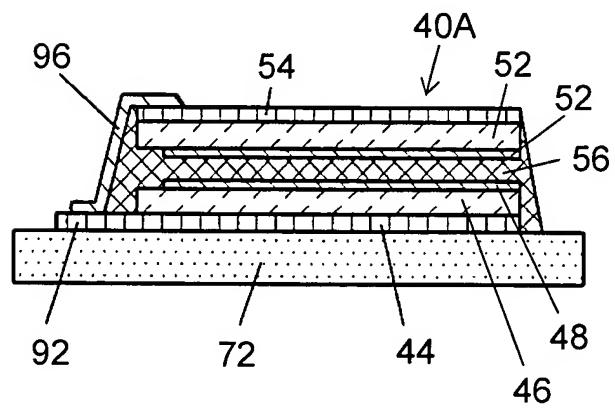
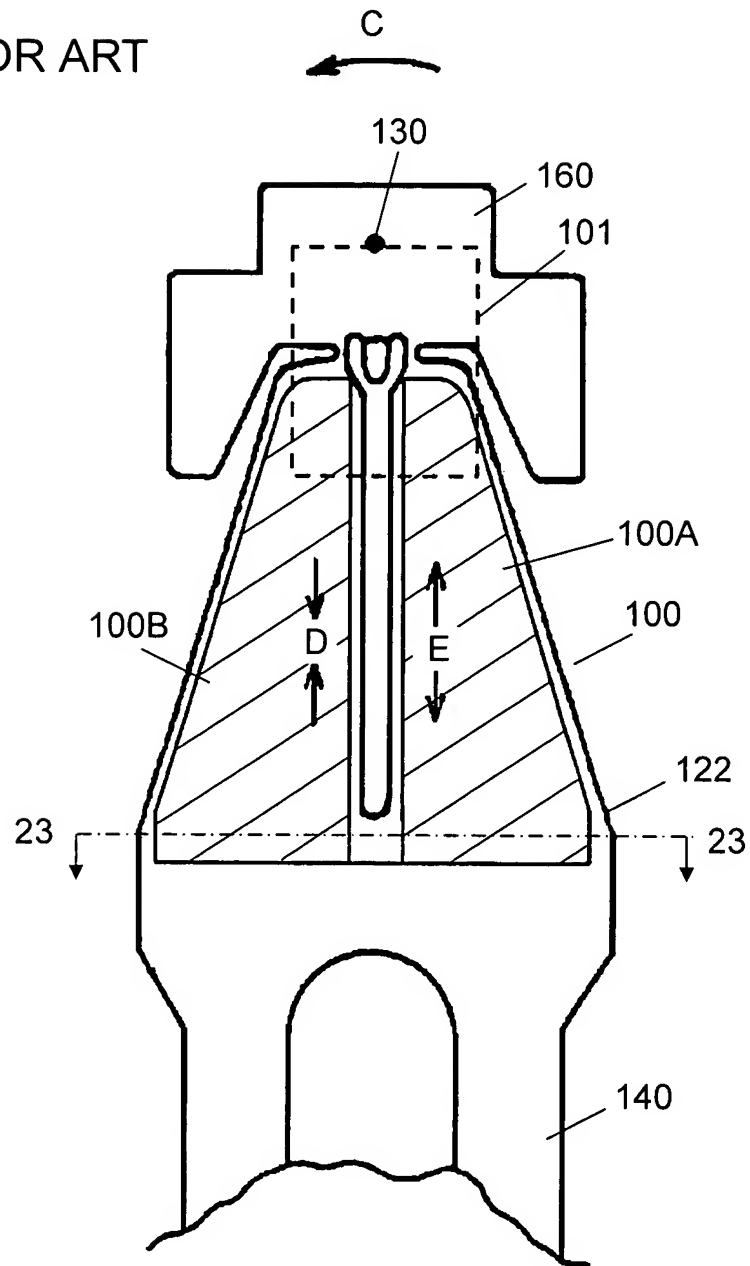


FIG. 22

PRIOR ART



PRIOR ART

FIG. 23

